

ABSTRACT OF THE DISCLOSURE

In order to improve light-emission efficiency without degrading protection performance of a light-emitting layer structure a three p-type layer structure composed of first to third layers is provided in contact with a light-emitting layer structure. The first layer is an n-type AlGaIn layer that serves as a protective layer, the third layer is a GaIn : Mg layer that serves as a contact layer and the second layer is an AlGaIn : Mg layer formed between these layers as an intermediate layer. The provision of the intermediate layer enables an InGaIn layer to be thoroughly protected from heat during growth of layers above even if the n-type AlGaIn layer is made thin, whereby the GaIn : Mg layer can be brought near the light-emitting layer structure to enhance the efficiency of hole injection into the light-emitting layer structure and thus increase the light-emission efficiency.